

20100514.ba v04\_n333.bam.20100514

>From ???@??? Fri May 14 21:00:15 2010 -0500  
Date: Fri, 14 May 2010 21:00:09 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4333  
Message-Id: <20100515030009.7A9D296F0AC@minime.theporch.com>

### BOATANCHORS Digest 4333

Topics covered in this issue include:

- 1) R-390 FS Omaha  
by Don Reaves <donreaves@gmail.com>
- 2) See you at Dayton  
by "Tony Schroeder" <tony@bright.net>
- 3) Need parts for SX-101A  
by Art Lebermann <artleb@earthlink.net>
- 4) KSM and Two Ships OTA 18 May  
by Richard Dillman <ddillman@igc.org>
- 5) Re: GPR90  
by "Guido" <laffitte@prtc.net>
- 6) See you at Dayton  
by "Tony Schroeder" <tony@bright.net>
- 7) Re: See you at Dayton  
by Heinz Breuer <hbreuer@debitel.net>
- 8) Need SX-101A dial scale  
by Art Lebermann <artleb@earthlink.net>
- 9) Update: KSM and Two (Maybe Three!) Ships OTA 18 May  
by Richard Dillman <ddillman@igc.org>
- 10) Off topic query -- but brief!  
by John Sehring <wb0eq@yahoo.com>
- 11) Vitamin Q Capacitors in an R-390A  
by Ben Hall <kd5byb@kd5byb.net>
- 12) Re: Vitamin Q Capacitors in an R-390A  
by Ben Hall <kd5byb@kd5byb.net>
- 13) Re: Vitamin Q Capacitors in an R-390A  
by spr@earthlink.net
- 14) Re: Vitamin Q Capacitors in an R-390A  
by "Arden Allen" <gumbear@pacbell.net>
- 15) Re: Vitamin Q Capacitors in an R-390A  
by Al Parker <anchor@ec.rr.com>
- 16) RE: Vitamin Q Capacitors in an R-390A  
by "Singley, Rodger" <rbsingl@ilstu.edu>
- 17) Re: Vitamin Q Capacitors in an R-390A  
by "Arden Allen" <gumbear@pacbell.net>

-----  
MIME-Version: 1.0  
Date: Tue, 11 May 2010 01:54:40 -0500  
Message-ID: <AANLkTim5c3JczlKGW3Kdv1N02WI0DQPZ\_7-kRTVV0dqA@mail.gmail.com>  
Subject: R-390 FS Omaha  
From: Don Reaves <donreaves@gmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Content-Type: text/plain; charset=ISO-8859-1

Please contact me if you are looking for an R-390 or R-390A and you are within local pickup range of Omaha, NE. These are not mine, but I've had some nice conversations with the owner who is offering them. He is interested in finding good homes for these receivers for someone who may have been having a difficult time locating an R-390 or finding an affordable one. These are less than 1/2 the going rate.

He also has a WRR-2B if you like heavy metal R-390 replacements. This is a 320 pound National or Arvin shipboard receiver. See [http://web.tiscalinet.it/milradio73/radio\\_WRR2.html](http://web.tiscalinet.it/milradio73/radio_WRR2.html) or <http://coldwarradio.com/html/documentary.html> for a description.

Summary:

Local pickup only, Omaha Nebraska.  
R-390, R-390A, WRR-2B, other gear  
Very reasonable prices.  
<mailto:donreaves@gmail.com> and I will send you his contact information.

Posted to the boatanchors mailing list.

Don W5OR

-----  
Message-ID: <2C06DD21C6A1477C9199D5551B8B22B6@TONY>  
From: "Tony Schroeder" <tony@bright.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: See you at Dayton  
Date: Tue, 11 May 2010 09:07:49 -0400  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_0021\_01CAF0E9.6DE99030"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_0021\_01CAF0E9.6DE99030  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hi Nick,

----- Original Message -----=20

From: "Nick England" <navy.radio@gmail.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Sunday, May 09, 2010 4:18 PM  
Subject: See you at Dayton

> Howdy gang - John K4OZY and I will be at the usual spaces 2508-2509,  
> with interesting stuff for sale or trade.  
> I hope to give away 20 boxes of 73, CQ, Ham Radio, & QST; and I hope  
> to not give away a full-up Drake C-Line and a Squires-Sanders SS-1R  
> with speaker, noise blanker, and panadaptor (No, I won't ship it -  
> pickup at Dayton only). And there will be boxes of other interesting  
> stuff too. We'll be there Thursday and Friday, probably not Saturday.  
> Looking for - RACAL RA6790/GM (R-2174/URR), receiver, Navy TTY  
> multiplex gear (AN/FCC-3, AN/FGC-5) & other 1950's-60's Navy  
> communications gear

I'll be there again this year at space 2922, mostly likely on Saturday =  
but  
maybe on Friday, instead (we'll see what the weatherman sez).

I'll be bringing some boatanchor goodies, including a National HR07-R =  
in  
rack, a Hammarlund HQ-150, an RCA AR-88 that saw service with the =  
British  
Air Ministry, along with some modern bits and other BA items that I'm  
forgetting. I'll also have boxes of amplifier builder parts for sale, =  
and a  
couple of large boxes of tubes I no longer need, to be donated free to =  
a  
worthy individual who stops by and picks them up.

Stop down, have a pretzel, and say hello.

See you there,

Tony W8HR0

-----=\_NextPart\_000\_0021\_01CAF0E9.6DE99030  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*

\* ---REMAINDER OF MESSAGE TRUNCATED--- \*

\* This post contains a forbidden message format \*

\* (such as an attached file, a v-card, HTML formatting) \*

\* Mail Lists at theporch.com only accept PLAIN TEXT \*

\* If your postings display this message your mail program \*

\* is not set to send PLAIN TEXT ONLY and needs adjusting \*

\* \* \* \* \*

-----=\_NextPart\_000\_0021\_01CAF0E9.6DE99030--

-----  
Message-ID: <20964617.1273604265803.JavaMail.root@wamui-junio.atl.sa.earthlink.net>  
Date: Tue, 11 May 2010 14:57:45 -0400 (EDT)  
From: Art Lebermann <artleb@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need parts for SX-101A  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

I'm restoring a Hallicrafters SX-101A, and need a few parts. Does anyone have the Notch Frequency coil assembly (L-12), or just the ferrite slug and shaft? I also need a knob for the Antenna Trimmer, and the main tuning knob (plastic knob only). Is there a source for repro tuning knobs?

Thanks!  
Art Lebermann  
W6REQ

-----  
Message-ID: <30391277.1273636698107.JavaMail.root@elwamui-huard.atl.sa.earthlink.net>  
Date: Tue, 11 May 2010 20:58:18 -0700 (GMT-07:00)  
From: Richard Dillman <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: KSM and Two Ships OTA 18 May  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

SS JEREMIAH O'BRIEN/KXCH and SS RED OAK VICTORY/KYVM will be on the air on Tuesday 18 May along with coast station KSM. Radio operations will take place on MF, specifically 500kc and 425kc for the ships, 500kc and 426kc for KSM.

The occasion is the JO'B's Sacramento River cruise. MRHS member Denice Stoops, R/

O aboard the JO'B, will activate the ship's WWII Radiomarine radio console.

See <http://ssjeremiahobrien.org/EVENTS/cruises.htm> for information about the Sacramento River Cruise and the JOB.

In recognition of the event MRHS member Steve Hawes, R/O aboard the ROV, will activate that ship's Mackay console which he has restored to full operation.

MRHS Chief Operator Richard Dillman will be at the key at KSM.

The plan is to offer radiogram service aboard both ships. The radiograms will be in correct commercial format and sent using proper commercial procedure, including going UP to the working frequencies from 500kc. Radiograms will be delivered to addressees at no cost via the MRHS on-line message delivery system.

Operations will commence at 1000pdt/1700gmt and continue until 1500pdt/2200gmt with a one hour break at 1200pdt/1900gmt.

At those hours only listeners in Northern California are likely to have a chance to hear the stations directly on their MF frequencues. However when working the ships KSM will key all its HF transmitters so that listeners at greater distances will have the opportunity to hear at least one side of the exchange.

The KSM HF transmitting frequencies are:

4350.5  
6474.0  
8438.3  
12993.0  
16914.0  
22445.8

Amateur station K6KPH will be guarding its normal frequencies for calls from stations with signal reports or other traffic. K6KPH guards:

3550  
7050  
14050  
21050

As always QSLs and reception reports may be sent to the QSL Mistress at:

Denice Stoops, QSLM  
Box 381  
Bollinas, CA 94924  
USA

Good listening!

VY 73,

RD

=====  
Richard Dillman  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

-----  
Message-ID: <005a01caf233\$0ad58620\$4100000a@CPQ10443900021>  
From: "Guido" <laffitte@prtc.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: GPR90  
Date: Wed, 12 May 2010 20:26:08 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
    format=flowed;  
    charset="iso-8859-1";  
    reply-type=original  
Content-Transfer-Encoding: 7bit

Thanks for the answers and recommendations. I have experienced two 2amp fast blow fuse blow outs. The set is recapped and sockets voltages and resistances check out ok. I am still operating it with a replacement transformer that is basically an exact electronic match of the original. The blow out occurs always with the inrush current when I turn the set on. It has occurred just twice and in a period of some months.

73s

Guido KP4FAR

----- Original Message -----

From: "Singley, Rodger" <rbsingl@ilstu.edu>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Monday, May 10, 2010 4:03 PM  
Subject: RE: GPR90

I agree with Arden on this and my GPR-90 has a regular fuse installed. In vintage gear that start with high inrush currents, in many cases you can add a properly sized inrush limiter and use it with a standard fuse instead of relying upon a time delay fuse.

Jim W8ZR published an excellent article about inrush limiters and the proper sizing of fuses with his Viking 500 restoration in Electric Radio July '97.

Rodger WQ9E

-----Original Message-----

From: owner-boatanchors@theporch.com on behalf of Arden Allen

Sent: Mon 5/10/2010 2:23 PM

To: Old Tube Radios

Subject: Re: GPR90

> .....I was checking the manual and the 2  
amp fuse AC line fuse is not detailed as being a fast or slow blow type. If  
anyone knows this detail I will appreciate it.

I have learned not to put a lot of faith in the type and value of fuses  
manufacturers specify for their equipment. A slow blow fuse should only be  
used when the cold start surge is appreciably higher than the warmed up  
operating current. Transmitters with high peak operating currents should  
only use fast blow fuses properly sized to sustain the peak currents. A  
slow blow fuse where not needed may not blow quickly enough to prevent  
damage to critical components. Your GPR90 will probably be better protected  
with a fast blow fuse.

Arden Allen

KB6NAX

Adopt a shelter dog,  
save an innocent life,  
and make a friend forever =:-)

-----  
Message-ID: <E3E95F78769D4DB89B05A73E2BBBCF71@TONY>

From: "Tony Schroeder" <tony@bright.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: See you at Dayton

Date: Mon, 10 May 2010 09:30:09 -0400

MIME-Version: 1.0

Content-Type: text/plain;

format=flowed;

charset="iso-8859-1";

reply-type=response

Content-Transfer-Encoding: 7bit

Hi Nick,

----- Original Message -----

From: "Nick England" <navy.radio@gmail.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Sunday, May 09, 2010 4:18 PM  
Subject: See you at Dayton

> Howdy gang - John K4OZY and I will be at the usual spaces 2508-2509,  
> with interesting stuff for sale or trade.  
> I hope to give away 20 boxes of 73, CQ, Ham Radio, & QST; and I hope  
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> stuff too. We'll be there Thursday and Friday, probably not Saturday.  
> Looking for - RACAL RA6790/GM (R-2174/URR), receiver, Navy TTY  
> multiplex gear (AN/FCC-3, AN/FGC-5) & other 1950's-60's Navy  
> communications gear

I'll be there again this year at space 2922, mostly likely on Saturday but  
maybe on Friday, instead (we'll see what the weatherman sez).

I'll be bringing some boatanchor goodies, including a National HR07-R in  
rack, a Hammarlund HQ-150, an RCA AR-88 that saw service with the British  
Air Ministry, along with some modern bits and other BA items that I'm  
forgetting. I'll also have boxes of amplifier builder parts for sale, and a  
couple of large boxes of tubes I no longer need, to be donated free to a  
worthy individual who stops by and picks them up.

Stop down, have a pretzel, and say hello.

See you there,

Tony W8HRO

-----  
Message-ID: <4BEBC4BE.4020202@debitel.net>  
Date: Thu, 13 May 2010 11:22:06 +0200  
From: Heinz Breuer <hbreuer@debitel.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: See you at Dayton  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

I wish I could be there and get the Squire-Sanders speaker and  
panadapter. I got a SS-1R almost 10 years ago and since have been  
looking for the accessories all over. Just let me know if anybody could



buy it for me and ship it to my friend's address in Texas. No overseas shipping necessary.  
Have a nice time in Dayton. Hopefully I will be able to attend Dayton in the years to come.  
vy 73 Heinz DH2FA, KM5VT

Tony Schroeder schrieb:

>  
> Hi Nick,  
>  
> ----- Original Message ----- From: "Nick England" <navy.radio@gmail.com>  
> To: "Old Tube Radios" <boatanchors@theporch.com>  
> Sent: Sunday, May 09, 2010 4:18 PM  
> Subject: See you at Dayton  
>  
>  
>> Howdy gang - John K4OZY and I will be at the usual spaces 2508-2509,  
>> with interesting stuff for sale or trade.  
>> I hope to give away 20 boxes of 73, CQ, Ham Radio, & QST; and I hope  
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> forgetting. I'll also have boxes of amplifier builder parts for sale, and a  
> couple of large boxes of tubes I no longer need, to be donated free to a  
> worthy individual who stops by and picks them up.  
>  
> Stop down, have a pretzel, and say hello.  
>  
> See you there,  
>  
>  
> Tony W8HRO  
>  
>  
>

-----  
Message-ID: <5078608.1273770041935.JavaMail.root@wamui-junio.atl.sa.earthlink.net>  
Date: Thu, 13 May 2010 13:00:41 -0400 (EDT)  
From: Art Lebermann <artleb@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need SX-101A dial scale  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

I'm restoring my Hallicrafters SX-101A, and need a replacement glass dial scale. Radio Daze is out of stock, and does not have a date for new production run. Does anyone have a dial scale, new or used, or know of any other sources?

Thanks!

Art Lebermann  
W6REQ

-----  
Message-ID: <8363413.1273780082385.JavaMail.root@elwamui-milano.atl.sa.earthlink.net>  
Date: Thu, 13 May 2010 15:48:02 -0400 (EDT)  
From: Richard Dillman <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Update: KSM and Two (Maybe Three!) Ships OTA 18 May  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

Here's an update on the previously announced on the air event scheduled for 18 May.

The original plan called for SS JERENIAH O'BRIEN/KXCH, which will be on its Sacramento River cruise, and SS RED OAK VICTORY/KYVM, Richmond, CA to be on the air and communicating on 500kc and 425kc with MRHS coast station KSM.

Now comes OM Don Berger of SS AMERICAN VICTORY/KKUI in Tampa, FL. KKUI, using its restored radio gear, is a regular customer of KSM, putting in a QSA5 signal on 12Mc. Don suggested that KKUI and KYVM attempt a ship-to-ship contact on 12552kc. Steve Hawes of KYVM agreed to the attempt.

Those with the interest and the capacity may wish to have both the KSM frequencies and 12552kc available with the hope of being able to hear one of both ships. As always, KSM will key all transmitters when in contact with a ship so listeners on

any frequency will be able to hear at least one side of the exchange.

See the MRHS Web site (<http://www.radiomarine.org>) for full information about times and the other ship frequencies.

VY 73,

RD

=====  
Richard Dillman  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

-----  
Message-ID: <124945.10017.qm@web45605.mail.sp1.yahoo.com>  
Date: Thu, 13 May 2010 14:23:24 -0700 (PDT)  
From: John Sehring <wb0eq@yahoo.com>  
Subject: Off topic query -- but brief!  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

How do to all,

May I post a very brief off-topic query? (I can't think of any way to make it BA-related.)

If you have a home theater receiver (5 channels or more), is it capable of applying different tone control or equalizer action to EACH individual channel SEPARATELY? For example, lift treble on the center channel only, leaving other channels flat.

Please reply to me privately, avoid the list.

Thank you muchly!

--John WB0EQ

-----  
Message-ID: <4BEC9096.80409@kd5byb.net>  
Date: Thu, 13 May 2010 18:51:50 -0500  
From: Ben Hall <kd5byb@kd5byb.net>

MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Vitamin Q Capacitors in an R-390A  
Content-Type: text/plain; charset=UTF-8; format=flowed  
Content-Transfer-Encoding: 7bit

Good evening all,

I'm finally getting some of my BA's out of storage and back into service. I'm working on my R-390A - it's a Motorola 14-PH-56. It was working fine when it went into storage about, well, uh, a long time ago.

Before power up, I wanted to replace the evil C-553 capacitor in the IF deck. (The one that fails and allows B+ to go across the mechanical filters, burning them up.)

I follow the procedure, get out the IF deck, and flip it over. Huh. C-553 (and some others) seem like they have been replaced at some time with Vitamin Q capacitors. Certainly, the Vitamin Q's are different than the brown tubular caps used elsewhere. It may be possible that they are original (or were replaced by a military shop) as the MFP is present on the solder joints.

So what is the generally accepted wisdom on the Sprague Vitamin Q capacitors? Replace them? I'm also toying with the idea of replacing the brown tubulars while I've got the deck out.

thanks much and 73,  
ben, kd5byb

--

Ben Hall, kd5byb@kd5byb.net - ALWAYS OUTNUMBERED, NEVER OUTGUNNED.

-----  
Message-ID: <4BEDCFB9.6020504@kd5byb.net>  
Date: Fri, 14 May 2010 17:33:29 -0500  
From: Ben Hall <kd5byb@kd5byb.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Vitamin Q Capacitors in an R-390A  
Content-Type: text/plain; charset=UTF-8; format=flowed  
Content-Transfer-Encoding: 7bit

Hi Arden and gang,

On 5/14/2010 2:59 PM, Arden Allen wrote:

> container therefore having better immunity from moisture ingress. A leakage  
> check is prescribed for any capacitor whose failure may cause impermissible

> damage. Replacement is the best insurance, ....but not with another  
> questionable part.

Good points - on the IF module some of the ground points are via  
grounding screws. Remove a nut and one can lift the ground up to test  
the cap. While the particular cap in question can't be tested this way,  
I did test several of the Vitamin Q's in other locations as well as some  
of the brown tubulars and they all tested fine.

So I'm planning to replace that one I can't test with new.

The replacement I'd use is either an Orange Drop or a Xicon metalized  
polypropylene capacitor - both 600 VDC rated.

> Adopt a shelter dog,  
> save an innocent life,  
> and make a friend forever =:-)

We have one shelter dog, three shelter cats, and three dumped off at  
Arby's on my birthday cats here. SOMETHING is always chasing SOMETHING  
in this house. :)

thanks and 73,  
ben, kd5byb

--

Ben Hall, kd5byb@kd5byb.net - ALWAYS OUTNUMBERED, NEVER OUTGUNNED.

-----  
Message-ID: <21143142.1273878372424.JavaMail.root@elwamui-  
hound.atl.sa.earthlink.net>

Date: Fri, 14 May 2010 19:06:12 -0400 (EDT)

From: spr@earthlink.net

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Vitamin Q Capacitors in an R-390A

Cc: Old Tube Radios <boatanchors@theporch.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=UTF-8

Content-Transfer-Encoding: 7bit

Folks,

For bathtub caps (I don't remember if the R-390A uses any or not), I have found  
that there are *\*two\** leakage paths to check: between teh terminals, and terminals  
to case.

/scott

-----Original Message-----

>From: Ben Hall <kd5byb@kd5byb.net>

>Sent: May 14, 2010 6:33 PM

>To: Old Tube Radios <boatanchors@theporch.com>

>Cc: Old Tube Radios <boatanchors@theporch.com>

>Subject: Re: Vitamin Q Capacitors in an R-390A

>

>Hi Arden and gang,

>

>On 5/14/2010 2:59 PM, Arden Allen wrote:

>> container therefore having better immunity from moisture ingress. A leakage  
>> check is prescribed for any capacitor who's failure may cause impermissible  
>> damage. Replacement is the best insurance, ....but not with another  
>> questionable part.

>

>Good points - on the IF module some of the ground points are via  
>grounding screws. Remove a nut and one can lift the ground up to test  
>the cap. While the particular cap in question can't be tested this way,  
>I did test several of the Vitamin Q's in other locations as well as some  
>of the brown tubulars and they all tested fine.

>

>So I'm planning to replace that one I can't test with new.

>

>The replacement I'd use is either an Orange Drop or a Xicon metalized  
>polypropylene capacitor - both 600 VDC rated.

>

>> Adopt a shelter dog,  
>> save an innocent life,  
>> and make a friend forever =:-)

>

>We have one shelter dog, three shelter cats, and three dumped off at  
>Arby's on my birthday cats here. SOMETHING is always chasing SOMETHING  
>in this house. :)

>

>thanks and 73,

>ben, kd5byb

>--

>Ben Hall, kd5byb@kd5byb.net - ALWAYS OUTNUMBERED, NEVER OUTGUNNED.

>

-----  
Message-ID: <001401caf39f\$fcf7ac40\$fd9d480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Vitamin Q Capacitors in an R-390A

Date: Fri, 14 May 2010 12:59:33 -0700

MIME-Version: 1.0

Content-Type: text/plain;

charset="UTF-8"  
Content-Transfer-Encoding: 7bit

> .....So what is the generally accepted wisdom on the Sprague Vitamin Q capacitors? .....

Not so much wisdom needs to be applied as careful checking of parts of questionable condition. V'Q's are hermetically sealed in a glass and metal container therefore having better immunity from moisture ingress. A leakage check is prescribed for any capacitor who's failure may cause impermissible damage. Replacement is the best insurance, ....but not with another questionable part.

Arden Allen  
KB6NAX

Adopt a shelter dog,  
save an innocent life,  
and make a friend forever =:-)

-----  
Message-ID: <4BEDD8FA.1080709@ec.rr.com>  
Date: Fri, 14 May 2010 19:12:58 -0400  
From: Al Parker <anchor@ec.rr.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Vitamin Q Capacitors in an R-390A  
Content-Type: text/plain; charset=UTF-8; format=flowed  
Content-Transfer-Encoding: 7bit

Hi Ben, Arden, et al,

I don't think I've ever found a bad Vitamin-Q, and have tested/replaced quite a few, mostly in Collins eqpt or R-390A's of various mfg. I hesitated to answer your initial post as I know my experience is less than many here, figured I'd wait & see/learn.

I like your response to Arden's sig, "SOMETHING is always chasing SOMETHING" there, My daughter's house is similar, 3 dogs, 4 cats at the moment I think, all from a shelter or strays that wandered in. Our house is catless since our rescued cat which we got when we lived in Arden's area got too old to go on. Arden may have even met that one, he came by the house once.

73,  
Al, W8UT  
[www.boatanchors.org](http://www.boatanchors.org)  
[www.hammarlund.info](http://www.hammarlund.info)

"There is nothing -- absolutely nothing -- half so much

worth doing as simply messing about in boats"  
Ratty, to Mole

On 5/14/2010 6:33 PM, Ben Hall wrote:

> Hi Arden and gang,  
>  
> On 5/14/2010 2:59 PM, Arden Allen wrote:  
>> container therefore having better immunity from moisture ingress. A  
>> leakage  
>> check is prescribed for any capacitor who's failure may cause  
>> impermissible  
>> damage. Replacement is the best insurance, ....but not with another  
>> questionable part.  
>  
> Good points - on the IF module some of the ground points are via  
> grounding screws. Remove a nut and one can lift the ground up to test  
> the cap. While the particular cap in question can't be tested this way,  
> I did test several of the Vitamin Q's in other locations as well as some  
> of the brown tubulars and they all tested fine.  
>  
> So I'm planning to replace that one I can't test with new.  
>  
> The replacement I'd use is either an Orange Drop or a Xicon metalized  
> polypropylene capacitor - both 600 VDC rated.  
>  
>> Adopt a shelter dog,  
>> save an innocent life,  
>> and make a friend forever =:-)  
>  
> We have one shelter dog, three shelter cats, and three dumped off at  
> Arby's on my birthday cats here. SOMETHING is always chasing SOMETHING  
> in this house. :)  
>  
> thanks and 73,  
> ben, kd5byb

-----  
Content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Subject: RE: Vitamin Q Capacitors in an R-390A  
Date: Fri, 14 May 2010 18:24:20 -0500  
Message-ID: <AA28191F88740543A764089198FF86DEF1A6DC@COBEXCHANGE.ad.ilstu.edu>  
From: "Singley, Rodger" <rbsingl@ilstu.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>



As I recall, the advice in an Electric Radio article was either replace = it or put a large value modern cap in series so if the original shorts = it won't take out the filters. Installing a much larger value cap in = series with the existing one won't have a significant effect on the = circuit; this is what I did in my R-390A years ago.

I agree that I have never run into a bad Vitamin Q cap but this would be = a really expensive place to have that first failure experience.

Rodger WQ9E

-----Original Message-----

From: owner-boatanchors@theporch.com on behalf of Ben Hall

Sent: Fri 5/14/2010 5:33 PM

To: Old Tube Radios

Cc: Old Tube Radios

Subject: Re: Vitamin Q Capacitors in an R-390A

=20

Hi Arden and gang,

On 5/14/2010 2:59 PM, Arden Allen wrote:

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> check is prescribed for any capacitor who's failure may cause =  
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> damage. Replacement is the best insurance, ....but not with another  
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The replacement I'd use is either an Orange Drop or a Xicon metalized=20  
polypropylene capacitor - both 600 VDC rated.

> Adopt a shelter dog,  
> save an innocent life,  
> and make a friend forever =3D:-)

We have one shelter dog, three shelter cats, and three dumped off at=20  
Arby's on my birthday cats here. SOMETHING is always chasing SOMETHING=20

in this house. :)

thanks and 73,

ben, kd5byb

--=20

Ben Hall, kd5byb@kd5byb.net - ALWAYS OUTNUMBERED, NEVER OUTGUNNED.

-----  
Message-ID: <001901caf3da\$6319b650\$659d480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Vitamin Q Capacitors in an R-390A

Date: Fri, 14 May 2010 19:57:05 -0700

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

My best experience with Vitamin Q's is in the lamp dimmer I built, I think, in 1972. It's still doing yeoman duty in the bedroom. The Allen Bradley pot has yet to wear out too.

Arden Allen

KB6NAX

Adopt a shelter dog,

save an innocent life,

and make a friend forever =:-)

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End of BOATANCHORS Digest 4333

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